

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.

862.2583

APPLICATION NO.

09/217,937

APPLICANTS

HITOSHI ONODA, ET AL.

FILING DATE

December 22, 1998

GROUP

2712

Date Submitted to PTO: July 29, 1999

U.S. PATENT DOCUMENTS

*EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MLR	4,555,169	11/26/85	SUDA, ET AL.	354	407	
MLR	4,618,236	10/21/86	AKASHI, ET AL.	354	406	
MLR	4,634,255	01/06/87	SUDA, ET AL.	354	406	
MLR	4,643,557	02/17/87	ISHIZAKI, ET AL.	354	406	
MLR	4,670,645	06/02/87	OHTAKA, ET AL.	250	201	
MLR	4,688,920	08/25/87	SUDA, ET AL.	354	406	
MLR	4,699,493	10/13/87	KOYAMA, ET AL.	354	406	
MLR	4,716,282	12/29/87	AKASHI, ET AL.	250	201	
MLR	4,728,785	03/01/88	OHNUKI, ET AL.	250	201	
MLR	4,739,157	04/19/88	AKASHI, ET AL.	250	201	
MLR	4,774,539	09/27/88	SUDA, ET AL.	354	406	
MLR	4,792,668	12/20/88	AKASHI, ET AL.	250	201	
MLR	4,792,669	12/20/88	OHNUKI, ET AL.	250	201	
MLR	4,800,410	01/24/89	AKASHI, ET AL.	354	408	
MLR	4,801,963	01/31/89	KOYAMA, ET AL.	354	403	
MLR	4,812,869	03/14/89	AKASHI, ET AL.	354	408	
MLR	4,825,239	04/25/89	SUDA, ET AL.	354	402	
MLR	4,833,313	05/23/89	AKASHI, ET AL.	250	201	
MLR	4,841,326	06/20/89	KOYAMA, ET AL.	354	406	
MLR	4,849,782	07/18/89	KOYAMA, ET AL.	354	408	
MLR	4,855,777	08/08/89	SUDA, ET AL.	354	402	

EXAMINER

Walter L. Kersch

DATE CONSIDERED

4/17/03

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<i>MLR</i>	4,859,842	08/22/89	SUDA, ET AL.	250	201	
<i>MLR</i>	4,907,026	03/06/90	KOYAMA, ET AL.	354	403	
<i>MLR</i>	4,908,645	03/13/90	HIGASHIHARA, ET AL.	354	402	
<i>MLR</i>	4,922,282	05/01/90	KOYAMA, ET AL.	354	406	
<i>MLR</i>	4,954,701	09/04/90	SUZUKI, ET AL.	250	201.8	
<i>MLR</i>	4,959,677	09/25/90	SUDA, ET AL.	354	402	
<i>MLR</i>	4,969,003	11/06/90	OHNUKI, ET AL.	354	402	
<i>MLR</i>	4,974,002	11/27/90	OHNUKI, ET AL.	354	400	
<i>MLR</i>	4,974,003	11/27/90	OHNUKI, ET AL.	354	400	
<i>MLR</i>	4,975,727	12/04/90	OHTAKA, ET AL.	354	402	
<i>MLR</i>	4,980,716	12/25/90	SUZUKI, ET AL.	354	403	
<i>MLR</i>	4,972,221	11/20/90	OHNUKI, ET AL.	354	402	
<i>MLR</i>	4,992,817	02/12/91	AOYAMA, ET AL.	354	403	
<i>MLR</i>	4,992,819	02/12/91	OHTAKA, ET AL.	354	408	
<i>MLR</i>	5,005,037	04/02/91	AKASHI, ET AL.	354	400	
<i>MLR</i>	5,005,041	04/02/91	SUDA, ET AL.	354	407	
<i>MLR</i>	5,060,002	10/22/91	OHNUKI, ET AL.	354	402	
<i>MLR</i>	5,061,951	10/29/91	HIGASHIHARA, ET AL.	354	400	
<i>MLR</i>	5,061,953	10/29/91	HIGASHIHARA, ET AL.	354	402	
<i>MLR</i>	5,079,581	01/07/92	KADOHARA, ET AL.	354	400	
<i>MLR</i>	5,081,479	01/14/92	KADOHARA, ET AL.	354	402	

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Matthew Z. Luedke

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U.S. PATENT DOCUMENTS

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<i>MLR</i>	5,089,843	02/18/92	HIGASHIHARA, ET AL.	354	402	
<i>MLR</i>	5,126,777	06/30/92	AKASHI, ET AL.	354	402	
<i>MLR</i>	5,151,732	09/29/92	AKASHI, ET AL.	354	402	
<i>MLR</i>	5,333,028	07/26/94	AKASHI, ET AL.	354	402	
<i>MLR</i>	5,382,996	01/17/95	KADOHARA	354	403	
<i>MLR</i>	5,729,771	03/17/98	OHTAKA	396	113	
<i>MLR</i>	5,771,413	06/23/98	SUDA, ET AL.	396	114	
<i>MLR</i>	5,797,049	08/18/98	OHTAKA, ET AL.	396	122	
<i>MLR</i>	5,839,001	11/17/98	OHTAKA, ET AL.	396	114	
<i>MLR</i>	5,864,721	01/26/99	SUDA, ET AL.	396	114	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
4-67607	10/28/92	JAPAN			NO
61-182516	08/15/86	JAPAN			ABSTRACT
7-134238	05/23/95	JAPAN			ABSTRACT
10-161013	06/19/98	JAPAN			ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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Matthew Z. Karle

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Date Submitted to PTO: December 23, 1999

U.S. PATENT DOCUMENTS

*EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MLR	4,994,843	02/19/91	KITAZAWA	354	409	
MLR	5,311,241	05/10/94	AKASHI, ET AL.	354	402	
MLR	5,615,398	03/25/97	MATSUYAMA	396	77	
MLR	5,913,082	06/15/99	ONODA	396	128	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
9-127405	05/16/97	JAPAN			ABSTRACT
9-211316	08/15/97	JAPAN			ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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DSG:ltnt